WHAT IS CLAIMED IS:

1. A computer readable medium including instructions executable by a processor-based system, said computer readable medium comprising:

code for replacing address information in a system call table with address information associated with a plurality of wrapper functions; and

code for defining said plurality of wrapper functions, said plurality of wrappers functions transferring processing control to system call routines, said plurality of wrapper functions retrieving parameters associated with said system call routines, said plurality of wrapper functions utilizing said parameters to generate audit data, and said plurality of wrapper functions writing said audit data to a buffer.

2. The computer readable medium of claim 1 further comprising:

code for copying said system call table to a new memory location as an original system call table copy before replacing said system call table with address information associated with said plurality of wrapper functions.

3. The computer readable medium of claim 2 wherein at least one of said plurality of wrapper functions is operable to examine memory information of said original system call table copy and is operable to transfer control to a system call routine associated with said memory information.

4. The computer readable medium of claim 1 further comprising:

code for examining an amount of audit data in said buffer; and

code for writing said audit data to an audit file when the amount of audit data in said buffer exceeds a predetermined amount.

5. The computer readable medium of claim 1 wherein at least one of said plurality of wrapper functions comprises code for performing a logical comparison of said parameters against predefined criteria to determine whether to write audit data to said buffer.

6. A method for generating audit data comprising the steps of:

placing a wrapper function in memory;

writing address information into an entry of a system call table, said address information being associated with said wrapper function; and

transferring processing control to said wrapper function, said wrapper function transferring processing control to a system call routine, retrieving parameters associated with said system call routine, utilizing said parameters to generate audit data, and writing said audit data to a buffer.

7. The method of claim 6 wherein said entry is associated with a vector, said method further comprising the step of:

generating a system call utilizing said vector.

8. The method of claim 6 further comprising the steps of:

copying an original entry in said system call table associated with said vector to a new location.

9. The method of claim 8 further comprising the steps of:

accessing said copy of an original entry to obtain memory information related to said system call routine; and

transferring processing control to said system call routine.

10. The method of claim 6 wherein said step of transferring processing control includes generating a software interrupt.

11. The method of claim 6 further comprising the step of:

disabling said wrapper function by restoring original address information to said entry of said system call table.

12. The method of claim 6 wherein said wrapper function performs a logical comparison between said parameters and predefined criteria to determine whether to write audit data to said buffer.

13. The method of claim 6 further comprising the steps of:

examining the amount of audit data in said buffer; and

writing said audit data to an audit file, when said amount of audit data exceeds a predetermined amount.

14. A computer system for generating audit data associated with system calls, said computer system comprising:

means for receiving processing control, said means for receiving being operable to transfer processing control to a system call routine and being operable to generate audit data associated with said system call routine; and

means for transferring control to said means for receiving, wherein said means for transferring control includes a system call table with address information associated with said means for receiving processing control.

15. The computer system of claim 14 further comprising:

means for creating a copy of an original system call table, and wherein said means for receiving processing control is operable to determine the memory location of said kernel system call routine by accessing said copy of said original system call table.

16. The computer system of claim 14 wherein said means for receiving processing control includes means for writing audit data to an audit buffer.

17. The computer system of claim 16 further comprising:

means for monitoring an amount of audit data in said audit buffer; and

means for writing buffered audit data to an audit file when said amount of audit data exceeds a predetermined amount.